

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

June 11, 2001

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2825.1023-001

09/804,481

APPLICANT

David de Graaf and Eric S. Lander

FILING DATE

March 12, 2001

GROUP

1645

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
✓	AL	WO 95/35386	28/DEC/95	PCT			
J	AM	EP 0779365A2	18/JUN/97	EPO			
↓	AN	WO 98/18811	07/MAY/98	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Abounader, R. et al., "Reversion of Human Glioblastoma Malignancy by U1 Small Nuclear RNA/Ribozyme Targeting of Scatter Factor/Hepatocyte Growth Factor and c-met Expression," <i>J. of National Cancer Institute</i> 91(18):1548-1556 (1999).
AS	Bennett, M. et al., "Protein components specifically associated with prespliceosome and spliceosome complexes," <i>Genes and Development</i> 6(10):1986-2000 (1992).
AT	Cohen, J.B. et al., "Suppression of mammalian 5' splice-site defects by U1 small nuclear RNAs from a distance," <i>Proc. Natl. Acad. Sci., USA</i> 91:10470-10474 (1994).

EXAMINER

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ATTORNEY DOCKET NO.
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JE	AU	Cram, D.S. et al., "Mapping of Multiple B Cell Epitopes on the 70-Kilodalton Autoantigen of the U1 Ribonucleoprotein Complex," <i>J. of Immunology</i> 145(2):630-635 (1990).
	AV	De Young, M.B. et al., "Functional Characterization of Ribozymes Expressed Using U1 and T7 Vectors for the Intracellular Cleavage of ANF mRNA," <i>Biochemistry</i> 33(40): 12127-12138 (1994).
	AW	Fu, X-D and Maniatis, T., "The 35-kDa mammalian splicing factor SC35 mediates specific interactions between U1 and U2 small nuclear ribonucleoprotein particles at the 3' splice site," <i>PNAS USA</i> 89(5):1725-1729 (1992).
	AX	Goguel, V. et al., "U1 snRNP can influence 3'-splice site selection as well as 5'-splice site selection," <i>Genes and Development</i> 5(8):1430-1438 (1991).
	AY	Hinz, M. et al., "Domain Analysis of Human U5 RNA," <i>J. of Biological Chemistry</i> 271(31):19001-19007 (1996).
	AZ	Jamison, S.F. et al., "The Spliceosome Assembly Pathway in Mammalian Extracts," <i>Molecular and Cellular Biology</i> 12(10):4279-4287 (1992).
	AR2	Khellil, S. et al., "The 5' end domain of U2 snRNA is required to establish the interaction of U2 snRNP with U2 auxiliary factor(s) during mammalian spliceosome assembly," <i>Nucleic Acids Research</i> 19(4):877-884 (1991).
	AS2	Kjems, J. and Sharp, P.A., "The Basic Domain of Rev from Human Immunodeficiency Virus Type 1 Specifically Blocks the Entry of U4/U6·U5 Small Nuclear Ribonucleoprotein in Spliceosome Assembly," <i>J. of Virology</i> 67(8):4769-4776 (1993).
	AT2	Lewis, J.D. et al., "A nuclear cap-binding complex facilitates association of U1 snRNP with the cap-proximal 5' splice site," <i>Genes and Development</i> 10(13):1683-1698 (1996).
	AU2	Liu, D. et al., "Stable Human Immunodeficiency Virus Type 1 (HIV-1) Resistance in Transformed CD4 ⁺ Monocytic Cells Treated with Multitargeting HIV-1 Antisense Sequences Incorporated into U1 snRNA," <i>J. of Virology</i> 71(5):4079-4085 (1997).
U	AV2	Malatesta, M. et al., "The Sm Core Domain Mediates Targeting of U1 snRNP to Subnuclear Compartments Involved in Transcription and Splicing," <i>Experimental Cell Research</i> 249(2):189-198 (1999).

EXAMINER

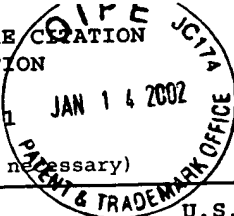
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JE	AW2	Mattaj, I.W. et al., "Small nuclear RNAs in messenger RNA and ribosomal RNA processing," <i>FASEB J.</i> 7:47-53 (1993).
	AX2	Michienzi, A. et al., "U1 small nuclear RNA chimeric ribozymes with substrate specificity for the Rev pre-mRNA of human immunodeficiency virus," <i>PNAS USA</i> 93(14):7219-7224 (1996).
	AY2	Montgomery, R.A. and Dietz, H.C., "Inhibition of fibrillin 1 expression using U1 snRNA as a vehicle for the presentation of antisense targeting sequence," <i>Human Molecular Genetics</i> 6(4):519-525 (1997).
	AZ2	Rio, Donald C., "Splicing of pre-mRNA: mechanism, regulation and role in development," <i>Current Opinion in Genetic Development</i> 3(4):574-584 (1993).
	AR3	Romac, J.M. et al., "The U1 Small Nuclear Ribonucleoprotein (snRNP) 70K Protein Is Transported Independently of U1 snRNP Particles via a Nuclear Localization Signal in the RNA-Binding Domain," <i>Molecular and Cellular Biology</i> 14(7):4662-4670 (1994).
	AS3	Staknis, D. and Reed, R., "Direct Interactions between Pre-mRNA and Six U2 Small Nuclear Ribonucleoproteins during Spliceosome Assembly," <i>Molecular and Cellular Biology</i> 14(5):2994-3005 (1994).
	AT3	Stripecke, R. and Hentze, M.W., "Bacteriophage and spliceosomal proteins function as position-dependent cis/trans repressors of mRNA translation in vitro," <i>Nucleic Acids Research</i> 20(21):5555-5564 (1992).
✓	AU3	Verma, M. et al., "Primary structure of the canine U1 snRNA," <i>Gene</i> 154(2):255-257 (1995).

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